



RECEIPT #3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael J. O'Phelan et al.

Title: CAPACITORS WITH RECESSED RIVETS ALLOW SMALLER IMPLANTABLE
DEFIBRILLATORS

Docket No.: 279.087US3

Serial No.: 10/083,702

Filed: February 26, 2002

Due Date: N/A

Examiner:

Group Art Unit: 3762

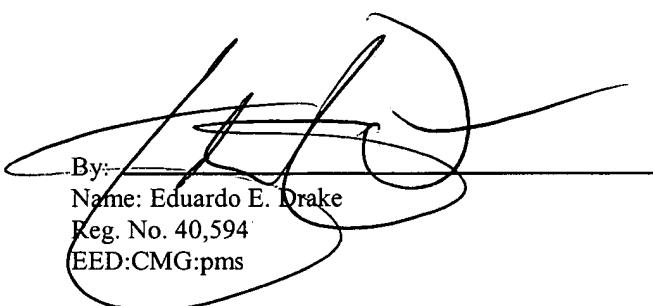
Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the attached:

- Communication Re: Incorrect Filing Receipt (1 pg.)
- Copy of Filing Receipt (1 pg.)
- Copy of first page of application (1 pg.)
- A return postcard.

No Additional fee is required.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)


By: _____
Name: Eduardo E. Drake
Reg. No. 40,594
EED:CMG:pms

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 28 day of March, 2002.

Paula Suchy
Name _____

Paula Suchy
Signature _____

S/N 10/083,702



PATENT 13

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COMMUNICATION RE: INCORRECT FILING RECEIPT

Commissioner for Patents
Washington, D.C. 20231

Applicants hereby request correction of the Filing Receipt with respect to the above-identified patent application. In the Filing Receipt received March 18, 2002, (copy enclosed), the domestic priority data is incorrect, it reads: This application is a Con of 09/607,382 06/30/2000 which is a Con of 09/465,095 12/16/1999 ABN; it should read: **This application is a DIV of 09/607,382 06/30/2000 which is a Con of 09/465,095 12/16/1999 ABN.** This is evidenced by the first page of the application (copy enclosed).

Applicants would appreciate the above-identified printing error be corrected and that a new "corrected" filing receipt be sent to Applicants' representatives at the address given below.

Respectfully submitted,

MICHAEL J. O'PHELAN ET AL.

By their Representatives,

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Date

28 Mar 2002

By

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this *28* day of *March*, 2002.

Name

Paula Suchy

Signature

Paula Suchy



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/083,702	02/26/2002	3762	0.00	279.087US3	4	11	4

CONFIRMATION NO. 2486

21186
 SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
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FILING RECEIPT



OC000000007629134

Date Mailed: 03/13/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

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Assignment For Published Patent Application

Cardiac Pacemakers, Inc.;

DR

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CON OF 09/607,382 06/30/2000
 WHICH IS A CON OF 09/465,095 12/16/1999 ABN

Foreign Applications

If Required, Foreign Filing License Granted 03/13/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

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MAR 27 2002

Schwegman, Lundberg,
Woessner & Kluth, P.A.Schwegman, Lundberg,
Woessner & Kluth, P.A.

MAR 18 2002

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Title



CAPACITORS WITH RECESSED RIVETS ALLOW SMALLER IMPLANTABLE DEFIBRILLATORS

Cross-Reference to Related Application(s)

This patent application is a division of U.S. Patent Application No.

5 09/607,382, filed on June 30, 2000, which is a continuation of U.S. Patent Application No. 09/465,095, filed on December 16, 1999, now abandoned, the specifications of which are incorporated herein by reference.

Background of the Invention

10 The present invention concerns capacitors, particularly those for use in medical devices, such as implantable defibrillators.

Every year more than half a million people in the United States suffer from heart attacks, more precisely cardiac arrests. Many of these cardiac arrests stem from the heart chaotically twitching, or fibrillating, and thus failing to rhythmically 15 expand and contract as necessary to pump blood. Fibrillation can cause complete loss of cardiac function and death within minutes. To restore normal heart contraction and expansion, paramedics and other medical workers use a device, called a defibrillator, to electrically shock a fibrillating heart.

Since the early 1980s, thousands of patients prone to fibrillation episodes 20 have had miniature defibrillators implanted in their bodies, typically in the left breast region above the heart. These implantable defibrillators detect onset of fibrillation and automatically shock the heart, restoring normal heart function without human intervention. The typical implantable defibrillator includes a set of electrical leads, which extend from a sealed housing into the heart of a patient after 25 implantation. Within the housing are a battery for supplying power, heart-monitoring circuitry for detecting fibrillation, and a capacitor for storing and delivering a burst of electric charge through the leads to the heart.